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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/663,956	09/16/2003	Justin E. York	200304257-2	3851

7590

02/28/2006

HEWLETT-PACKARD COMPANY  
Intellectual Property Administration  
P.O. Box 272400  
Fort Collins, CO 80527-2400

EXAMINER
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NAHAR, QAMRUN

ART UNIT	PAPER NUMBER
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2191

DATE MAILED: 02/28/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

## Office Action Summary

Application No.

10/663,956

Applicant(s)

YORK ET AL

Examiner

Qamrun Nahar

Art Unit

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

### Status

- 1) ☒ Responsive to communication(s) filed on 02 December 2005.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

### Disposition of Claims

- 4) ☒ Claim(s) 46-63 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 46-63 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

### Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
  - ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

### Attachment(s)

- |   |   |
|---|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892)                        | 4) <input type="checkbox"/> Interview Summary (PTO-413)                     |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)    | Paper No(s)/Mail Date. _____  |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| Paper No(s)/Mail Date _____   | 6) <input type="checkbox"/> Other: _____                                    |

### **DETAILED ACTION**

1. This action is in response to the amendment filed on 12/2/05.
2. Claims 1-6, 30-38, and 43-45 have been canceled.
3. Claims 46-63 have been added.
4. Claims 46-63 are pending.
5. Claim 51 stand finally objected to because of minor informalities.
6. Claims 46-63 stand finally rejected under 35 U.S.C. 103(a) as being unpatentable over Borgendale (U.S. 5,774,720) (Art of record) in view of "Java 2 Platform, Standard Edition, v1.2.2 API Specification; Class window" ("Java 2 Platform"), Art of record.

### ***Response to Amendment***

#### ***Claim Objections***

7. Claim 51 is objected to because of the following informalities: it is missing a period.  
Appropriate correction is required.

### ***Claim Rejections - 35 USC § 103***

8. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

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9. Claims 46-63 are rejected under 35 U.S.C. 103(a) as being unpatentable over Borgendale (U.S. 5,774,720) (Art of record) in view of “Java 2 Platform, Standard Edition, v1.2.2 API Specification; Class window” (“Java 2 Platform”), Art of record.

**Per Claim 46:**

Borgendale teaches creating a non-java shadow of the second window; transmitting a message addressed to the non-java shadow from the non-java window; converting the message to a message addressed to the second window; and delivering the converted message to the second window (abstract, “...The graphics management system includes a common graphical user interface (GUI) which receives graphics related application programming interface (API) **calls** from the application programs, and transforms the various types of graphics API **calls** native to a particular GUI, into a generic format compatible with a personality neutral graphics engine. The personality neutral **calls** are then passed from the CGUI to the personality neutral graphics engine which services the **calls**, and controls the drawing of lines, circles and other drawing tasks for each of the windows presented on the display...” (emphasis added) and Col. 5 lines 55 to 64; Note that non-java window is interpreted as windowing API function calls and the second window is interpreted as the windows controlled by the personality neutral graphics engines, and the non-java shadow is interpreted as the CGU).

However, Borgendale does not explicitly teach that the second window is a **Java window**. “Java 2 Platform” teaches a Java window (p. 1).

Therefore, it would have been obvious to a person of ordinary skill in the art at the time the invention was made to incorporate the teaching of “Java 2 Platform” into the system of

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Borgendale et al to have the second window to be a Java window because it provides an efficient method to adapt the teaching of Borgendale into various systems with various types of window, including Java window to meet the various needs of the systems. Doing so facilitating the passing of various types of commands native to a particular system to a Java window.

**Per Claim 47:**

The rejection of claim 46 is incorporated, and further, the examiner takes Official Notice that message handler was well known in the art at the time the invention was made.

Therefore, it would have been obvious to a person of ordinary skill in the art at the time the invention incorporate the teaching of well known knowledge into the teaching of Borgendale et al and “Java 2 Platform” to transmit the message to a handler of the non-java window because it provides an efficient method to identify the appropriate message handler to be used for the passing of the message.

**Per Claim 48:**

The rejection of claim 46 is incorporated, and Borgendale further teaches comprising transmitting the message addressed to the non-java shadow to an operating system (col. 3, lines 25-40).

**Per Claim 49:**

The rejection of claim 46 is incorporated, and further, the examiner takes Official Notice that message dispatcher was well known in the art at the time the invention was made.

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Therefore, it would have been obvious to a person of ordinary skill in the art at the time the invention incorporate the teaching of well known knowledge into the teaching of Borgendale et al and “Java 2 Platform” to transmit the message to a message dispatcher, where the message dispatcher is configured to recognize where the message is addressed to because it provides an efficient method to identify the appropriate message address to be used for the passing of the message.

**Per Claim 50:**

The rejection of claim 49 is incorporated, and further, the examiner takes Official Notice that java message handler was well known in the art at the time the invention was made.

Therefore, it would have been obvious to a person of ordinary skill in the art at the time the invention incorporate the teaching of well known knowledge into the teaching of Borgendale et al and “Java 2 Platform” to transmit the message to a java message handler because it provides an efficient method to identify the appropriate message handler to be used for the passing of the message.

**Per Claim 51:**

The rejection of claim 46 is incorporated, and Borgendale further teaches comprising changing a visual indicator on the second window after creating the non-java shadow of the second window (col. 6, lines 29-40) and “Java 2 Platform” teaches a Java window (p. 1).

**Per Claim 52:**

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The rejection of claim 51 is incorporated, and Borgendale further teaches wherein changing the visual indicator comprises changing the visual indicator from a java icon to a non-java icon (col. 6, lines 29-40).

**Per Claim 53:**

This is a system version of the claimed method discussed above (claims 46, 47, 49 and 50), wherein all claim limitations also have been addressed and/or covered in cited areas as set forth above. Thus, accordingly, this claim is also obvious.

**Per Claims 54-55:**

These are system versions of the claimed method discussed above (claims 49-50, respectively), wherein all claim limitations also have been addressed and/or covered in cited areas as set forth above. Thus, accordingly, these claims are also obvious.

**Per Claim 56:**

This is a system version of the claimed method discussed above (claims 48 and 50), wherein all claim limitations also have been addressed and/or covered in cited areas as set forth above, including “a java virtual machine” (see “Java 2 Platform”, pg. 1). Thus, accordingly, this claim is also obvious.

**Per Claim 57:**

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This is a system version of the claimed method discussed above, claim 47, wherein all claim limitations also have been addressed and/or covered in cited areas as set forth above, including “a graphical user interface” (see Borgendale, abstract and Col. 5 lines 55 to 64). Thus, accordingly, this claim is also obvious.

**Per Claims 58-59:**

These are tangible medium versions of the claimed method discussed above (claims 46 and 47, respectively), wherein all claim limitations also have been addressed and/or covered in cited areas as set forth above. Thus, accordingly, these claims are also obvious.

**Per Claim 60:**

This is another version of the claimed system discussed above (claims 53, 56 and 57), wherein all claim limitations also have been addressed and/or covered in cited areas as set forth above. Thus, accordingly, this claim is also obvious.

**Per Claim 61:**

This is another version of the claimed system discussed above, claim 56, wherein all claim limitations also have been addressed and/or covered in cited areas as set forth above. Thus, accordingly, this claim is also obvious.

**Per Claims 62-63:**



These are another versions of the claimed system discussed above, claim 53, wherein all claim limitations also have been addressed and/or covered in cited areas as set forth above.

Thus, accordingly, these claims are also obvious.

### ***Response to Arguments***

10. Applicant's arguments with respect to claims 46-63 have been considered but are moot in view of the new ground(s) of rejection.

*In the remarks, the applicant argues that:*

a) Applicants respectfully assert that neither of the references ...

In sharp contrast, the Borgendale reference describes a system for allowing ... In other words, the Borgendale reference discloses a system that translates graphics from one format to another. The Borgendale reference is concerned with translation of graphic and not with the addressing or routing of messages between windows or programs; there is no mention in the Borgendale reference of the above-recited claim features of new independent claims 46, 53, 58, or 60.

The Java 2 Platform reference cannot cure this deficiency in the Borgendale ... For at least these reasons, Appellants respectfully assert that the new claims 46, 53, 58, or 60, as well as the claims that depend therefrom, are allowable over the references cited in the most recent Office Action.

*Examiner's response:*

a) Examiner strongly disagrees with applicant's assertion that the combination of Borgendale and Java 2 Platform fails to disclose the claimed limitations recited in claims 46, 53, 58 and 60. The combination of Borgendale and Java 2 Platform clearly shows each and every limitation in claims 46, 53, 58 and 60.

Borgendale teaches transferring calls, that is to say, routing messages or calls to the appropriate windows or programs (abstract, "...The graphics management system includes a common graphical user interface (GUI) which receives graphics related application programming interface (API) **calls** from the application programs, and transforms the various types of graphics API **calls** native to a particular GUI, into a generic format compatible with a personality neutral graphics engine. The personality neutral **calls** are then passed from the CGUI to the personality neutral graphics engine which services the **calls**, and controls the drawing of lines, circles and other drawing tasks for each of the windows presented on the display..." (emphasis added) and Col. 5 lines 55 to 64; Note that non-java window is interpreted as windowing API function calls and the second window is interpreted as the windows controlled by the personality neutral graphics engines, and the non-java shadow is interpreted as the CGU).

In addition, see the rejection above in paragraph 9 for rejection to claims 46, 53, 58 and 60.

### *Conclusion*

11. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

12. Any inquiry concerning this communication from the examiner should be directed to Qamrun Nahar whose telephone number is (571) 272-3730. The examiner can normally be reached on Mondays through Fridays from 9:30 AM to 6:00 PM.

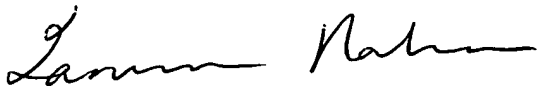
If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Wei Y Zhen, can be reached on (571) 272-3708. The fax phone number for the organization where this application or processing is assigned is (571) 273-8300.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the TC 2100 Group receptionist whose telephone number is 571-272-2100.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR

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system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

A handwritten signature in black ink, appearing to read "Lamm Nahn".

QN

February 16, 2006

A handwritten signature in black ink, appearing to read "Wei Zhen".

WEI ZHEN  
SUPERVISORY PATENT EXAMINER